Service
Service
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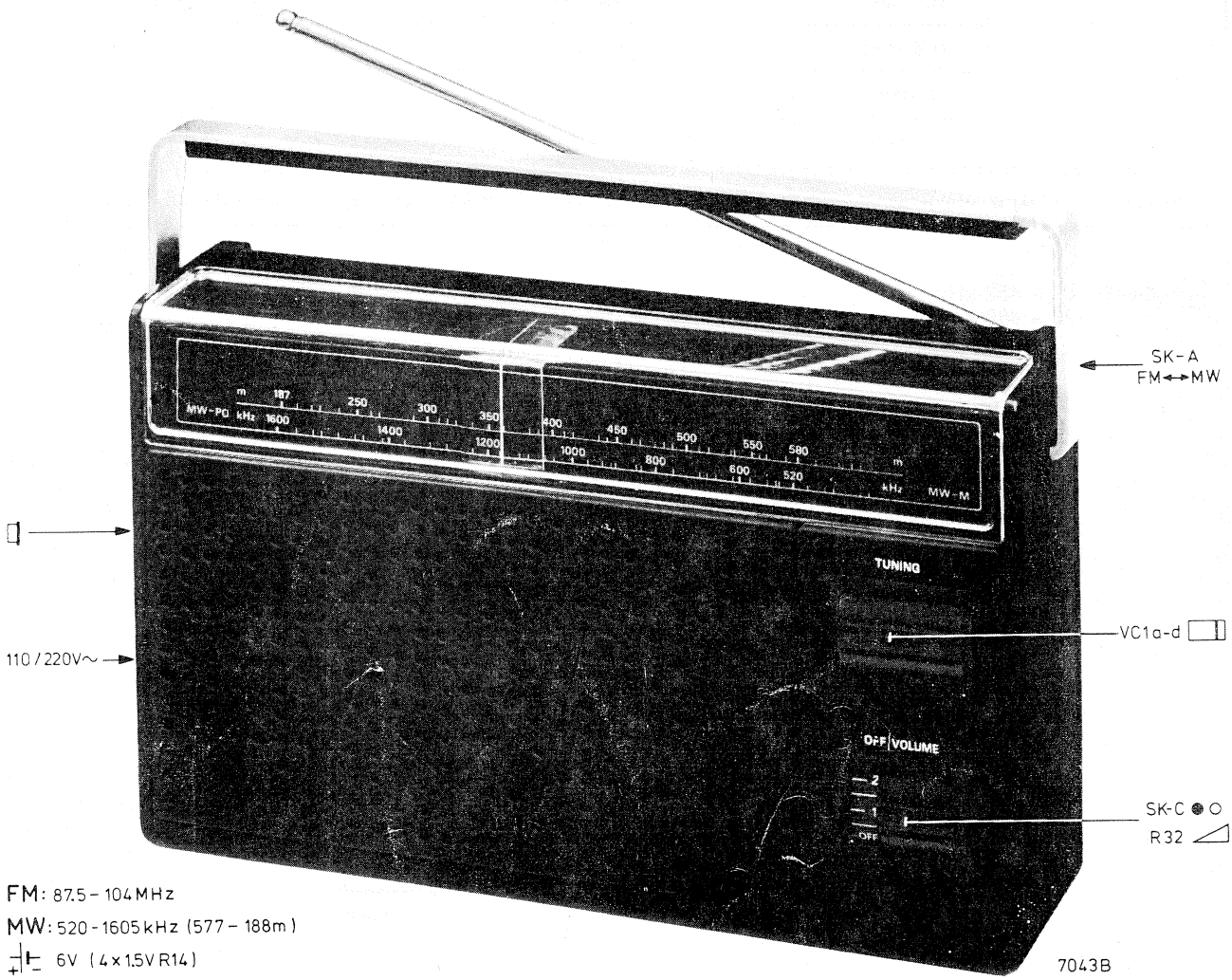
Service Manual



FM: 87.5 - 104 MHz
MW: 520 - 1605 kHz (577 - 188 m)
6V (4 x 1.5V R14)

Documentation Technique Service Dokumentation Documentazione di Servizio Huolte-Ohje Manual de Servicio Manual de Serviço

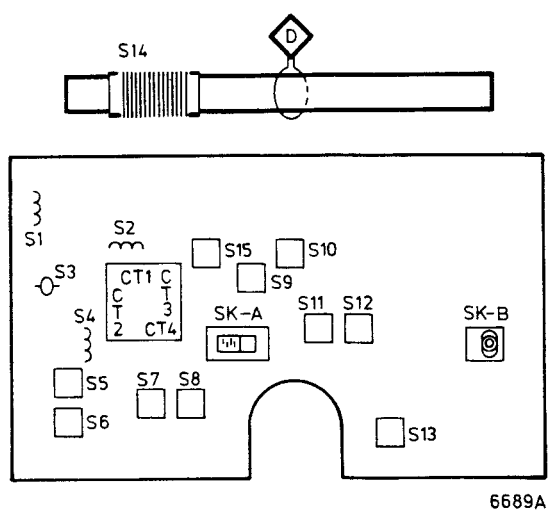
CS53253

Subject to modification
4822 725 11637
Printed in The Netherlands

PHILIPS

Wave range SK...	Signal to	◇	≠	Adjust	Indication
MW (520-1605 kHz)	[1] via 20 nF to	◇2	Min.cap.	S8 S10 S13	↕
	512 kHz	◇D	Max.cap.	S15	◇4
	1635 kHz		Min.cap.	CT4	max.
	580 kHz		Tune in	S14	
	1400 kHz			CT3	
FM (87.5-104 MHz)	10.7 MHz via 20 nF to	◇3	Min.cap.	S5 S6 S7 S9 S11	↕ ◇4 max.
				S12	◇4 min.
	86.5 MHz		Max.cap.	S4	◇4
	105 MHz		Min.cap.	CT2	max.
	90 MHz		Tune in	S2	
	103 MHz			CT1	
↕ Repeat - Herhalen - Répéter - Wiederholen - Ricomminciare - Repetera - Gentage - Gjentagelse - Toista					

[1] AM-IF /00 = 452 kHz
/22 = 460 kHz



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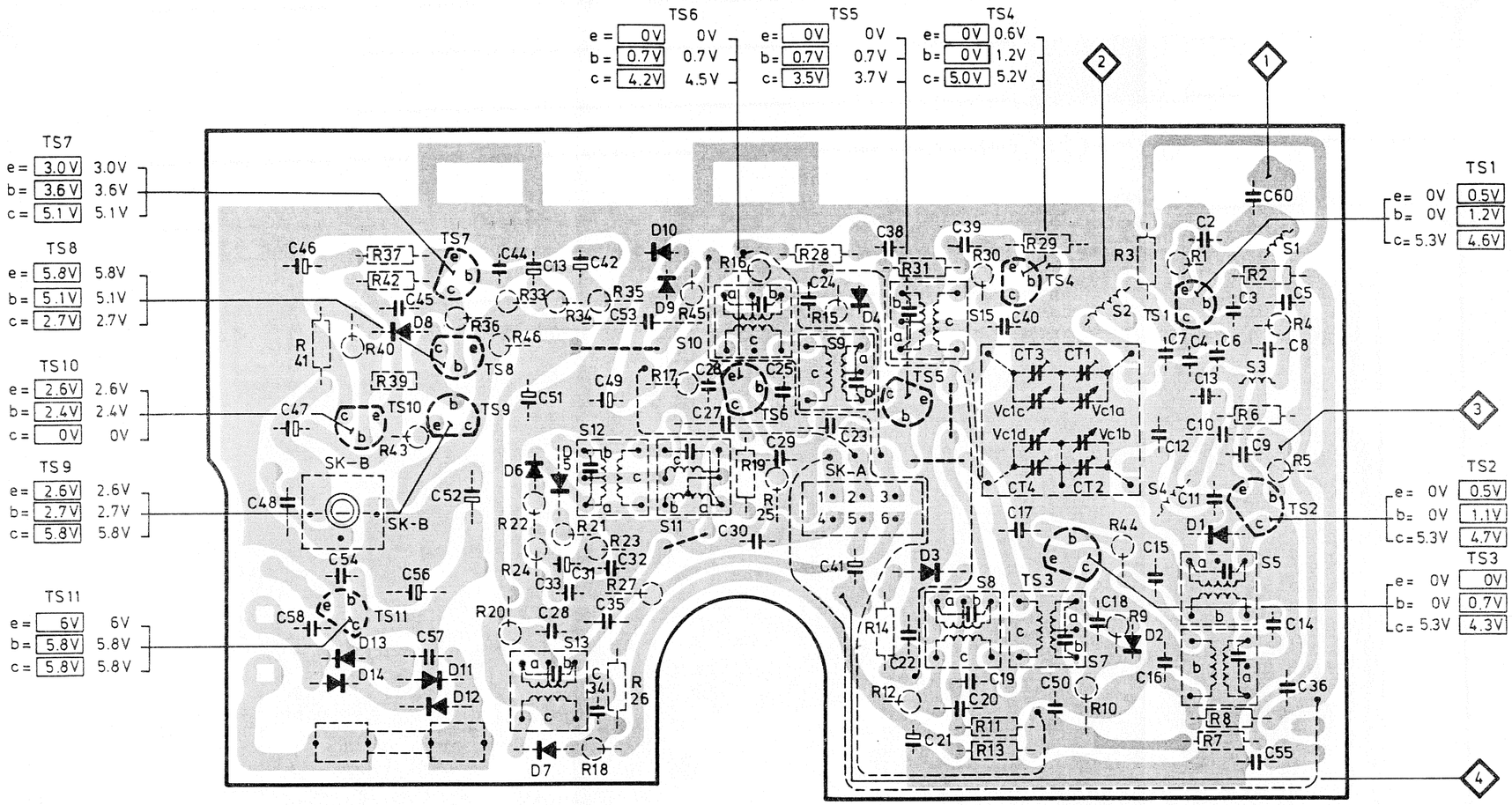
| | | |

MISC.	SK-B TS10 D8 TS9 TS8 TS7 D6 D5 D9 D10 TS6 SKA D4 TS5 TS4 TS1
MISC.	D14 D13 TS11 D11 D12 D7 D3 TS3 D2 D1 TS2
C	48 46 47 45 52 44 51 13 42 49 53 28 27 29 25 24 23 38 39 40 17 CT1···4 Vc1a···d 12 11 13 2···10 60
C	58 54 56 57 28 31···35 30 41 22 21 20 19 50 18 15 16 55 14 36
R	41 40 37 42 39 43 36 46 33···35 20···24 18 26 27 17 45 19 16 25 28 15 14 12 31 11 13 30 29 10 9 44 3 1 7 8 6 2 4 5
S	13 12 11 10 9 15 8 7 2 4 5 6 3 1



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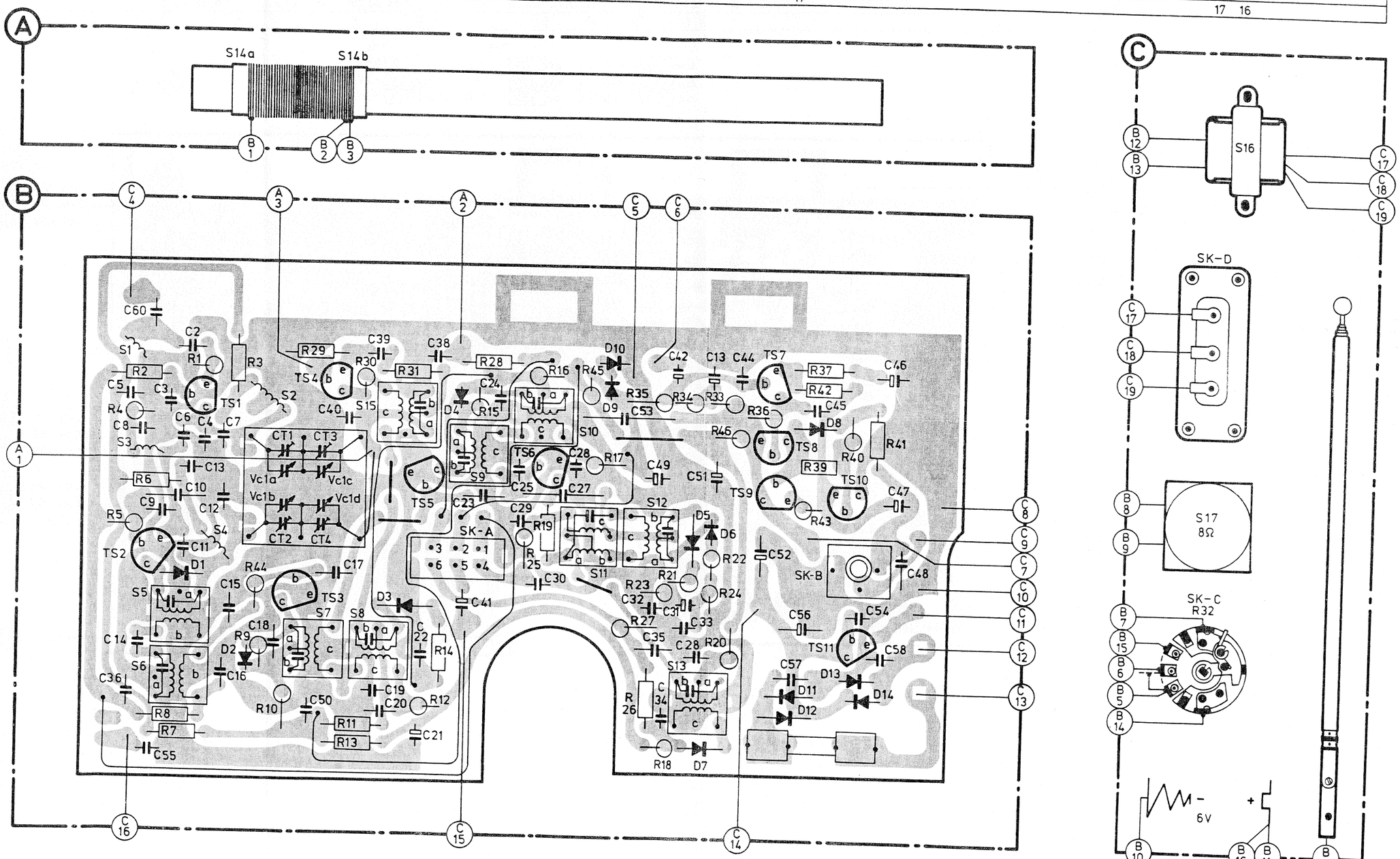
MISC.	TS2	TS1	TS4	TS5	D4.SK-A	TS6	D10.D9	D5.D6	TS7.TS8.TS9.D8	TS10.SK-B.TS11		
MISC.	D1.	D2	TS3	D3				D7	D11.D12	D13.D14		
C	60.5.8.9.3.10.6.2.13.11.7	Vc1a---d	T1---4	40	39	38	23.24.25.29	27.28	53	49 42	13.51.44	52 45 46.48.47	SK-C	SK-D
C	36 14 55	12.4.16.15	18	50	17	19.20	21.22	41	30	32.35.34.31.33.28	57.56	54.58		
R	5.4.2.6	8.7 1	3	44.9	10 29	11.13.30	31.12	14	15.28	25.16.19.18	45.17.27.35.26.20...24.34.33.46.36	43.39.37.42.40.41		
S	1 3	16 5 6	4 14a	2	7 14b	8 15	9	10	11	12	13	17	32	
													17	16



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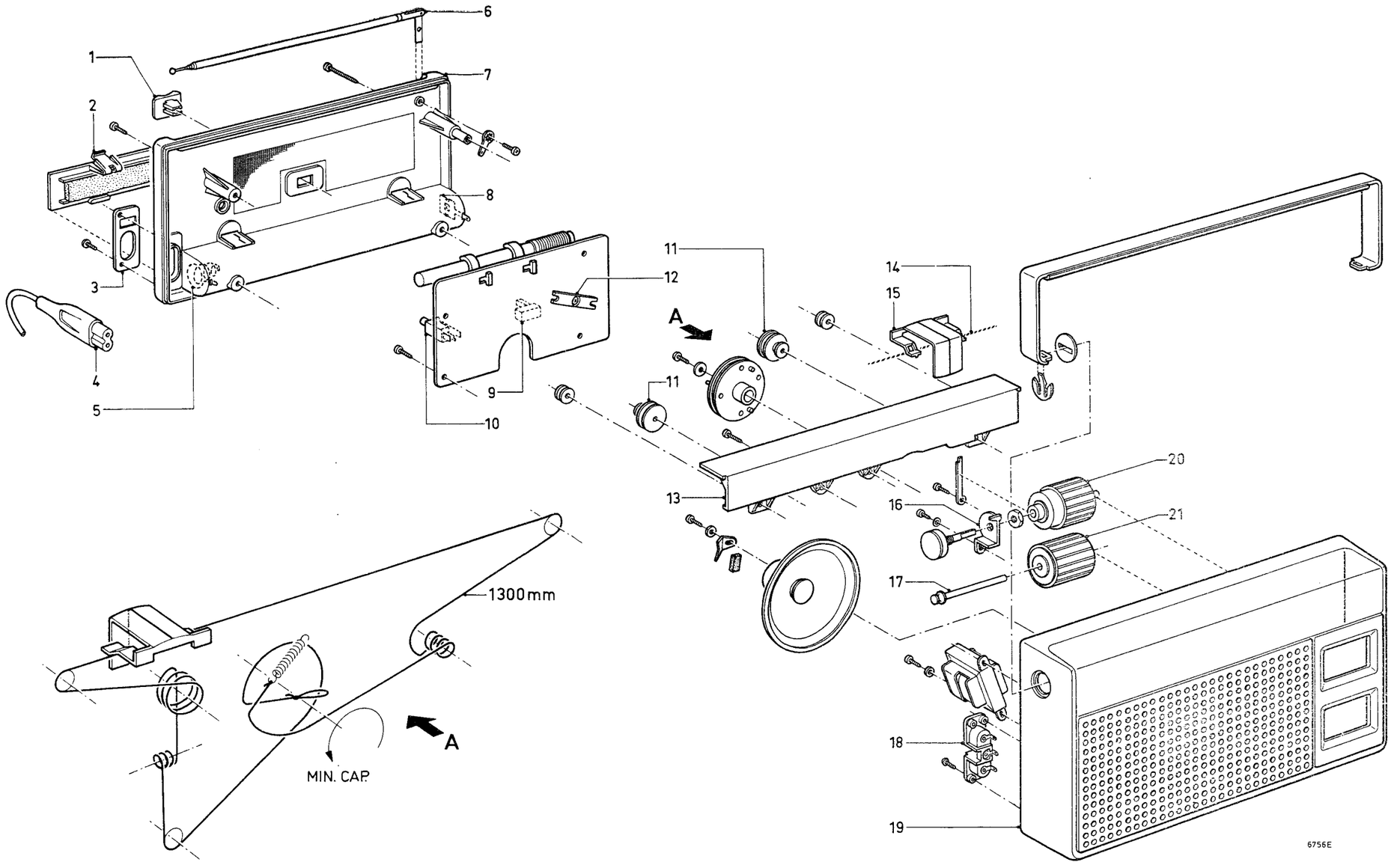
MECHANICAL PARTSLIST

1	4822 411 50396
2	4822 426 60084
3	4822 404 10306
4	4822 321 10105
5	4822 492 51102
6	4822 303 30156
7	4822 420 30212
8	4822 290 80287
9	4822 277 20193
10	4822 267 30241
11	4822 528 80611
12	4822 404 10305
13	4822 333 40206
14	4822 321 30214
15	4822 450 80438
16	4822 404 10304
17	4822 522 31211
18	4822 265 30125
19	4822 423 50251
20	4822 413 30627
21	4822 413 30626



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ELECTRICAL PARTSLIST

-TS-		
TS1,2,5,6	BF494	5322 130 44195
TS3,4	BF495	4822 130 40947
TS7	BC548B	4822 130 40937
TS8	BC558A	4822 130 40962
TS9,10	AC127/128 pair	5322 130 40382
TS11	AC128	5322 130 40095
-D-		
D1,2,4,7	BA100	5322 130 30226
D3,5,6	AA119	5322 130 40229
D8,9,10	BA216	5322 130 30702
D11,12,13,14	BY188B	4822 130 30829
-S-		
S3	FM-IF trap coil	4822 157 50791
S5,6	FM-IF I	4822 153 50197
S7,9	FM-IF I,II	4822 153 50198
S11	FM Det. coil I	4822 153 10237
S12	FM Det. coil II	4822 156 30442
S8,10	AM-IF I,II	4822 156 30407
S13	AM-IF III	4822 153 10232
S14	MW Ant. coil	4822 157 50823
S15	MW-osc. coil (red)	4822 156 30525

-C-		
C6,11	Cer.cap. 3 pF	4822 122 31223
C17	Cer.cap. 6 pF	4822 122 31224
C23,40	Cer.cap. 8 pF	4822 122 30005
C24,39	Cer.cap. 10 KpF	4822 121 50582
C16,18,19,20, 26,28,36,48, 50,53,54,55, 57,58	Cer.cap. 20 KpF	4822 122 30103
C5,7,13,22, 24,38	Cer.cap. 40 KpF	4822 122 31152
	Varco	4822 125 20189
-Miscellenous -		
	Ferrite-bar	4822 158 60384
S16	Mainstransformer	4822 145 30156
S17	Loudspeaker	4822 240 30106
VL1	Fuse 250 maT.	4822 253 30013
R32	Volume-control 20K	4822 101 50198
R39	Thermistor D2B	4822 116 30117
	Varco	4822 125 20189

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used.

F

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

I

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati i pezzi di ricambio identici a quelli specificati.

DK

Myndighedernes sikkerheds- og radiostøjbestemmelser kraever, at enhver reparation skal udføres korrekt m.h.t. overholdelse af originalplacering og montering af komponenter, ledningsbundter, etc., og ved anvendelse af de foreskrevne reservedele.

SF

Korjatessa laitetta on turvallisuussyistä ehdottomasti eneteltävä oikein ja käytettävä tehtaan määräämiä alkuperäisvaraosia.

NL

Veiligheidsbepalingen vereisen, dat het apparaat bij reparatie in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.

D

Die Sicherheitsvorschriften erfordern, dass das Gerät sich nach der Reparatur in seinem originalen Zustand befindet und dass die benutzten Einzelteile den aufgeführten Teilen identisch sind.

S

Säkerhetsbestämmelserna kräver att varje reparation skall utföras korrekt med hänsyn till ursprunglig placering av komponenter, ledningar etc. och med användning af föreskrivna reservdelar.

N

Sikkerhetsbestemmelser kreves at apparatet blir gjennopprettet til orignial utførelse og at deler som er identiske med de som er spesifisert, blir benyttet.